



Patent  
Docket No: P9097.02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Hill et al

Group Art Unit: N/A

Serial No.: 10/657,353

Filed: 09/08/2003

Examiner: N/A

For: METHOD AND SYSTEM FOR DELIVERY OF VASOACTIVE DRUGS TO THE  
HEART PRIOR TO AND DURING A MEDICAL PROCEDURE

**REVOCATION OF POWER OF ATTORNEY UNDER 37 C.F.R. § 1.36,**  
**CHANGE OF ADDRESS AND POWER OF ATTORNEY UNDER 37 C.F.R. § 1.34**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The undersigned, Medtronic, Inc. is the assignee of the entire right, title, and interest in the above-identified application, as recorded in the United States Patent and Trademark. The assignee hereby revokes all powers of attorney previously given, and appoints the following attorney to prosecute and transact all business in the U.S. Patent and Trademark Office connected therewith: Thomas G. Berry Reg. No. 31,736, Girma Wolde-Michael Reg. No. 30,724, Kenneth J. Collier Reg. No. 34,982, Stephen W. Bauer Reg. No. 32,192, James R. Keogh Reg. No. 44,824, David P. Ruschke Reg. No. 40,151, and Jeffrey J. Hohenshell Reg. No. 34,109.

The assignee requests that correspondence with respect to this application be directed to:

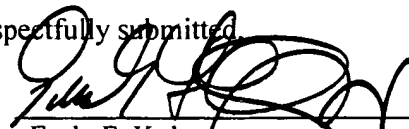
Jeffrey J. Hohenshell  
710 Medtronic Parkway  
Minneapolis, Minnesota 55432

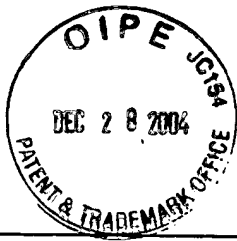
Under 37 C.F.R. § 3.73(b), I hereby state that I have reviewed the recorded assignment (attached) and, to the best of my knowledge and belief, title is in Medtronic, Inc.'s name. I am empowered to act on Medtronic, Inc.'s behalf in this matter.

	Telephone Number 763/391-9280
Date 12/22/04	

Respectfully submitted,

By

  
Earle F. Kyle  
Vice President, Senior Counsel



DWL

## UNITED STATES PATENT AND TRADEMARK OFFICE

P-9097.02

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

APRIL 06, 2004

PTAS

BANIAK NICHOLAS PINE & GANNON  
FRANK C. NICHOLAS  
1603 ORRINGTON AVENUE  
SUITE 2000  
EVANSTON, IL 60201



\*102551454A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/08/2003

REEL/FRAME: 014479/0963  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

/HILL, MICHAEL R.S.

DOC DATE: 09/18/2000

ASSIGNOR:

/JAHNS, SCOTT E.

DOC DATE: 09/12/2000

ASSIGNOR:

/KEOGH, JAMES R.

DOC DATE: 09/12/2000

ASSIGNEE:

MEDTRONIC, INC.  
7000 CENTRAL AVENUE NE  
MINNEAPOLIS, MINNESOTA 55428

SERIAL NUMBER: 10657353  
PATENT NUMBER:

FILING DATE: 09/08/2003  
ISSUE DATE:

RECEIVED

APR 12 2004

CARDINAL LAW GROUP

014479/0963 PAGE 2

VIOLET MCCOY, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

9/8/03

RECORD

09-16-2003

Docket No. Medtronic Dkt. No. P-9097  
Our Case No. 2620/17

To: The Commissioner of Patents a.

102551454

and original document(s) or copy(ies).

1. Name of Party(ies) conveying an interest:

MICHAEL R.S. HILL  
SCOTT E. JAHNS  
JAMES R. KEOGH

2. Name and Address of Party(ies) receiving an interest:

Name: MEDTRONIC, INC.

Internal Address:

Street Address: 7000 Central Avenue NE

City: Minneapolis

State/Zip: Minnesota 55428

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

Additional name(s) and addresses attached?

☐ Yes ☒ No

3. Description of the interest conveyed:

☒ Assignment☐ Change of Name

Other: \_\_\_\_\_

☐ Security Agreement☐ Merger

Execution Date: September 12 and September 18, 2000

4. Application number(s) or patent number(s). Additional sheet attached?

☐ Yes ☒ No

If this document is being filed together with a new application, the execution date of the application is:

10,657,353

September 12 and September 18, 2000

Date

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

FRANK C. NICHOLAS, (33,983)  
BANIAK NICHOLAS PINE & GANNON  
1603 Orrington Avenue, Suite 2000  
Evanston, IL 60201  
(847) 424-8420

6. Number of applications and patents involved: 1

7. Fee Amount (37 CFR 3.41)

\$ 40

☐ Enclosed☒ Authorized to be charged to Deposit Account  
No. 13-2546☒ Please charge any deficiencies in fee or credit any  
overpayment to Deposit Account No. 13-2546.

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

FRANK C. NICHOLAS, (33,983)  
Name of Person Signing  
SignatureSEPTEMBER 26, 2000  
Date

Total number of pages including cover sheet, attachments, and document: 3

00746 U.S. PTO  
10/657353  
09/08/03

### ASSIGNMENT OF PATENT APPLICATION

FOR GOOD AND VALUABLE CONSIDERATION,

We, the undersigned (each) in consideration of the sum of One Dollar (\$1.00) to us each in hand paid by the Assignee and other good and valuable consideration, receipt of which is hereby expressly acknowledged, hereby sell, assign and transfer unto MEDTRONIC, INC., a corporation organized under the laws of MINNESOTA and having an address of 7000 CENTRAL AVENUE NE, MINNEAPOLIS, MINNESOTA 55428, as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to METHOD AND SYSTEM FOR DELIVERY OF VASOACTIVE DRUGS TO THE HEART PRIOR TO AND DURING A MEDICAL PROCEDURE, executed by assignors on the same date as this Assignment, and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part, divisionals, and renewals of and substitutes for said application for said Letters Patent, and all the rights and privileges under any and all Letters Patent that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said Letters Patent. We request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

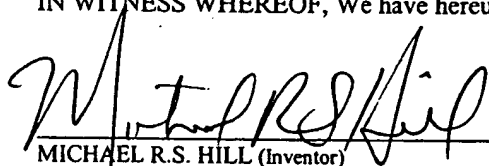
We agree that, when requested, we will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

We covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

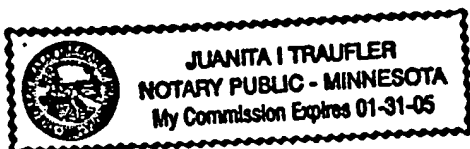
IN WITNESS WHEREOF, We have hereunto signed our names on the day and year set forth below.

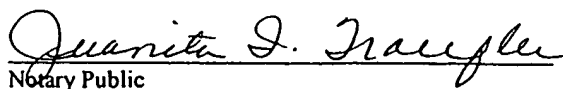
  
MICHAEL R.S. HILL (Inventor)

Sept 18, 2000  
Date

STATE OF Minnesota )  
COUNTY OF Anoka ) SS

On this 18<sup>th</sup> day of September 2000, before me personally came the above named MICHAEL R.S. HILL who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.



  
Notary Public

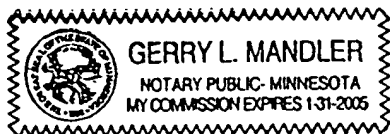
My Commission Expires: Jan. 31, 2005

Scott E. Jahns  
SCOTT E. JAHNS (Inventor)

9-12-00  
Date

STATE OF MN )  
COUNTY OF Hennepin ) SS

On this 12 day of Sept, 2000, before me personally came the above named SCOTT E. JAHNS who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.



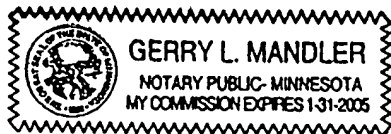
Gerry L. Mandler  
Notary Public  
My Commission Expires: 1-31-2005

James R. Keogh  
JAMES R. KEOGH (Inventor)

9/12/00  
Date

STATE OF MN )  
COUNTY OF Hennepin ) SS

On this 12 day of Sept, 2000, before me personally came the above named JAMES R. KEOGH who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.



Gerry L. Mandler  
Notary Public  
My Commission Expires: 1-31-2005